American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 71 For Week Ended September 14, 1990 NO. 37

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/14/90	Last Week Ending: 09/07/90	Last Year Week Ending: 09/15/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,580	14,505	13,989	75	591
Operable capacity	15,516	15,516	15,576	0	-60
Percent operated	94.0	93.5	89.8		
Motor Gasoline					
Total motor gasoline production	7,394	7,272	7,132	122	262
Finished leaded motor gasoline production	443	360	729	83	-286
Finished unleaded motor gasoline production	6,951	6,912	6,403	39	548
Total motor gasoline stocks	216,980	211,109	218,615	5,871	-1,635
Finished leaded motor gasoline stocks	10,497	10,253	21,623	244	-11,126
Finished unleaded motor gasoline stocks	166,433	162,990	157,098	3,443	9,335
Jet Fuel Kerosine					
Jet fuel kerosine production	1,432	1,232	1,200	200	232
Jet fuel kerosine stocks	42,589	41,671	41,814	918	775
Distillate Fuel Oil					
Distillate fuel oil production	3,009	2,987	3,057	22	-48
Distillate fuel oil stocks	133,298	131,698	121,369	1,600	11,929
Residual Fuel Oil					
Residual fuel oil production	1,040	904	843	136	197
Residual fuel oil stocks	49,346	50,184	43,538	-838	5,808
Imports					
Crude oil imports	6,033	6,946	6,437	-913	-404
Product imports	2,172	1,981	2,333	191	-161
Crude Oil Stocks					
Crude oil stocks	369,760	374,267	328,959	-4,507	40,801
Crude Supply Balance	820				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,482	1,315	1,315	1,381	95.2
Appal. No. 1	112	99	103	124	83.1
DISTRICT 1 TOTAL	1,594	1,414	1,418	1,505	94.2
Ind., Ill., Ky.	2,308	2,121	2,176	2,195	99.1
Minn., Wisc., Daks.	360	351	353	343	102.9
Okla., Kans., Mo.	839	759	761	737	103.3
DISTRICT 2 TOTAL	3,507	3,231	3,290	3,275	100.5
Inland Texas	589	538	542	584	92.8
Texas Gulf Coast	3,245	2,944	2,960	3,339	88.6
La. Gulf Coast	2,773	2,574	2,579	2,903	88.8
N. La. and Ark.	213	194	199	257	77.4
New Mexico	83	77	77	78	98.7
DISTRICT 3 TOTAL	6,903	6,327	6,357	7,161	88.8
DISTRICT 4 TOTAL	531	505	511	556	91.9
DISTRICT 5 TOTAL	3,020	2,900	3,004	3,019	99.5
TOTAL U.S.	15,555	14,377	14,580	15,516	94.0
TOTAL U.S. Weeks Ended:					
SEP. 7, 1990	15,413	14,309	14,505	15,516	93.5
SEP. 15, 1989	15,333	13,800	13,989	15,576	89.8
DISTRICTS 1-4 Weeks Ended:					
SEP. 14, 1990	12,535	11,477	11,576	12,497	92.6
SEP. 7, 1990	12,355	11,477	11,604	12,497	92.9
SEP. 15, 1989	12,583	11,228	11,322	12,538	90.3

API WEEKLY STATISTICAL BULLETIN

Week Ended September 14, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	658	16	642	10	97	397	139
Appal. No. 1	30	--	30	--	--	35	2
DISTRICT 1 TOTAL	688	16	672	10	97	432	141
Ind., Ill., Ky.	1,231	9	1,222	4	189	391	75
Minn., Wisc., Daks.	188	7	181	1	25	81	9
Okla., Kans., Mo.	408	22	386	8	45	194	5
DISTRICT 2 TOTAL	1,827	38	1,789	13	259	666	89
Inland Texas	310	21	289	26	38	124	12
Texas Gulf Coast	1,669	16	1,653	60	307	554	207
La. Gulf Coast	1,244	40	1,204	23	285	546	145
N. La. and Ark.	50	--	50	5	2	53	12
New Mexico	47	13	34	9	2	20	1
DISTRICT 3 TOTAL	3,320	90	3,230	123	634	1,297	377
DISTRICT 4 TOTAL	240	68	172	11	30	153	7
DISTRICT 5 TOTAL	1,319	231	1,088	44	412	461	426
TOTAL U.S.	7,394	443	6,951	201	1,432	3,009	1,040
TOTAL U.S. Weeks Ended:							
SEP. 7, 1990	7,272	360	6,912	208	1,232	2,987	904
SEP. 15, 1989	7,132	729	6,403	216	1,200	3,057	843
DISTRICTS 1-4 Weeks Ended:							
SEP. 14, 1990	6,075	212	5,863	157	1,020	2,548	614
SEP. 7, 1990	5,919	146	5,773	164	857	2,520	561
SEP. 15, 1989	5,890	491	5,399	165	846	2,581	500

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 14, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,265	11	4,253	1	82	473	5,903	720	--
Central Atlantic	26,367	77	22,190	4,100	399	5,723	36,106	18,957	13,568
Lower Atlantic	30,097	20	29,935	142	550	6,079	15,813	2,899	342
DISTRICT 1 TOTAL	60,729	108	56,378	4,243	1,031	12,275	57,822	22,576	13,910
DISTRICT 2 TOTAL	56,923	3,399	45,968	7,556	935	9,223	31,177	3,860	17,004
DISTRICT 3 TOTAL	62,960	699	44,807	17,454	2,417	14,052	29,624	15,804	53,070
DISTRICT 4 TOTAL	6,037	1,150	2,976	1,911	285	803	2,703	523	2,164
DISTRICT 5 TOTAL	30,331	5,141	16,304	8,886	1,494	6,236	11,972	6,583	25,478
TOTAL U.S.	216,980	10,497	166,433	40,050	6,162	42,589	133,298	49,346	111,626
TOTAL U.S. Weeks Ended:									
SEP. 7, 1990	211,109	10,253	162,990	37,866	5,929	41,671	131,698	50,184	111,743
SEP. 15, 1989	218,615	21,623	157,098	39,894	6,347	41,814	121,369	43,538	104,137
DISTRICTS 1-4 Weeks Ended:									
SEP. 14, 1990	186,649	5,356	150,129	31,164	4,668	36,353	121,326	42,763	86,148
SEP. 7, 1990	183,078	5,627	147,470	29,981	4,452	35,452	118,828	42,300	85,875
SEP. 15, 1989	189,490	16,263	140,947	32,280	4,728	36,085	111,190	36,562	82,007

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended September 14, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy April 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 14, 1990	4,415.0	4,538.0	5,730	737	292,281
SEP. 7, 1990	4,456.0*	--	6,747	719	295,606
AUG. 31, 1990	4,456.0*	--	6,641	703	291,821
AUG. 24, 1990	4,456.0*	--	6,323	662	295,113
DISTRICT 5 TOTAL					
SEP. 14, 1990	2,596.0	2,780.0	303	35	77,479 #
SEP. 7, 1990	2,726.0*	--	199	--	78,661
AUG. 31, 1990	2,726.0*	--	126	--	80,380
AUG. 24, 1990	2,726.0*	--	320	--	81,494
TOTAL U.S.					
SEP. 14, 1990	7,011.0	7,318.0	6,033	772	369,760 #
SEP. 7, 1990	7,182.0*	--	6,946	719	374,267
AUG. 31, 1990	7,182.0*	--	6,767	703	372,201
AUG. 24, 1990	7,182.0*	--	6,643	662	376,607
SEP. 15, 1989	7,548.0 a/	--	6,437	593	328,959

#INCLUDES 20,424 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
SEP. 14, 1990	820	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 14, 1990	16,240	80,293	184,969	10,779	292,281	77,479 #	369,760 #
SEP. 7, 1990	16,060	82,158	186,295	11,093	295,606	78,661	374,267
SEP. 15, 1989	14,723	68,458	160,238	12,015	255,434	73,525	328,959

[1]See definitional notes, Page 6

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	55	--	55	--	--	21	270	110	8	--	--	464
Central Atlantic	115	--	115	34	--	--	38	224	9	42	42	504
Lower Atlantic	68	--	68	--	--	--	76	57	--	--	27	228
DISTRICT 1 TOTAL												
SEP. 14, 1990	238	--	238	34	--	21	384	391	17	42	69	1,196
SEP. 7, 1990	252	--	252	17	--	27	236	392	35	135	60	1,154
AUG. 31, 1990	177	--	177	11	--	44	346	524	14	54	32	1,202
AUG. 24, 1990	248	--	248	10	--	25	351	873	4	94	95	1,700
DISTRICTS 2-4 TOTAL												
SEP. 14, 1990	37	--	37	16	2	7	7	5	173	557	135	939
SEP. 7, 1990	4	--	4	13	2	5	5	6	246	136	357	774
AUG. 31, 1990	2	--	2	4	2	5	6	91	243	213	94	660
AUG. 24, 1990	5	--	5	1	2	2	6	10	50	181	183	440
DISTRICT 5 TOTAL												
SEP. 14, 1990	7	--	7	--	--	15	3	2	8	--	2	37
SEP. 7, 1990	5	--	5	--	--	5	1	33	6	--	3	53
AUG. 31, 1990	13	--	13	--	--	1	2	2	7	--	2	27
AUG. 24, 1990	34	--	34	--	--	1	3	4	3	--	3	48
TOTAL U.S.	282	--	282	50	2	43	394	398	198	599	206	2,172
TOTAL U.S. Weeks Ended:												
SEP. 7, 1990	261	--	261	30	2	37	242	431	287	271	420	1,981
AUG. 31, 1990	192	--	192	15	2	50	354	617	264	267	128	1,889
AUG. 24, 1990	287	--	287	11	2	28	360	887	57	275	281	2,188
SEP. 15, 1989	355	--	355	82	--	175	236	512	234	565	174	2,333

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	AUGUST 1990	JULY 1990[r/]	APRIL 1990
Florida	16.0	17.0	18.0
New York-Pennsylvania	6.0	7.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	5.0	5.0	6.0
Illinois	52.0	54.0	53.0
Indiana	7.0	7.0	8.0
Kansas	143.0	145.0	149.0
Kentucky	12.0	14.0	15.0
Michigan	52.0	53.0	54.0
Missouri-Tennessee	1.0	1.0	2.0
Nebraska	16.0	16.0	16.0
Ohio	25.0	26.0	26.0
Oklahoma	290.0	295.0	301.0
North Dakota	98.0	100.0	101.0
South Dakota	4.0	4.0	4.0
Alabama	49.0	51.0	52.0
Arkansas	25.0	26.0	29.0
Mississippi	72.0	72.0	76.0
New Mexico-So. East	163.0	163.0	167.0
New Mexico-Other	15.0	15.0	16.0
North Louisiana	59.0	59.0	59.0
South Louisiana	981.0	981.0	990.0
Total Louisiana	1,040.0	1,040.0	1,049.0
Texas			
District 1	85.0	70.0	70.0
District 2	47.0	47.0	49.0
District 3	195.0	197.0	190.0
District 4	61.0	62.0	63.0
District 5	30.0	30.0	28.0
District 6, East Texas	100.0	101.0	106.0
Other	78.0	86.0	85.0
District 7-B	88.0	88.0	87.0
District 7-C	77.0	79.0	81.0
District 8 and 8-A	1,004.0	1,013.0	1,015.0
District 9	77.0	79.0	79.0
District 10	39.0	40.0	39.0
Total Texas	1,881.0	1,892.0	1,892.0
Colorado	75.0	80.0	82.0
Montana	52.0	53.0	54.0
Utah	74.0	75.0	76.0
Wyoming	283.0	285.0	284.0
Total Districts 1-4	4,456.0	4,496.0	4,538.0
Alaska	1,760.0	1,635.0	1,802.0
Arizona	0.0	0.0	0.0
California	958.0	960.0	968.0
Nevada	8.0	9.0	10.0
Total District 5	2,726.0	2,604.0	2,780.0
TOTAL U.S.	7,182.0	7,100.0[r/]	7,318.0

[r/] Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 57.0% of lower 48 states production. When combined with reported Alaskan data, the sample represents 66.9% of total U.S. production in July.